

App. No. 09/997,057
Amendment Dated: October 30, 2006
Reply to Final Office Action of August 28, 2006

Amendments to the Claims:

1-17. (Cancelled)

18. (Currently amended) A computer-implemented method for allowing a namespace to be made available to a second namespace without creating name collisions with the second namespace during a build process and at run-time while providing readable names within the first and second namespaces, the method comprising:

declaring a first namespace with a globally unique namespace identifier, wherein the globally unique namespace identifier is maintained in association with the first namespace to identify the first namespace when importing the first namespace into a second namespace;

declaring the first namespace with a first localized common name and a plurality of declarations, wherein the first localized name is modifiable to provide localized naming of the first namespace in the second namespace when the first namespace is imported into the second namespace;

importing the first namespace into the second namespace, wherein the globally unique namespace identifier is maintained during importing to uniquely identify the first namespace and the plurality of declarations, wherein the first localized common name is modified to a second localized common name to provide local naming of the first namespace in the second namespace;

referring to the second localized common name within the second namespace;

identifying the first namespace from the globally unique identifier; and

accessing a declaration within the plurality of declarations in the first namespace within the scope of the second namespace by reference to the second localized common name.

19. (Previously presented) The computer-implemented method of claim 18, wherein the second localized common name for the first namespace comprises the first localized common name.

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20. (Previously presented) The computer-implemented method of claim 18, wherein the second localized common name for the first namespace comprises an alias assigned to the first namespace.

21. (New) The computer-implemented method of claim 18, wherein the first namespace includes a first definition data field for the first namespace having an element configured to indicate that the first namespace is changeable.

22. (New) The computer-implemented method of claim 18, wherein the second namespace includes a second definition data field defining the second namespace, and an import data field including a first localized name field configured to receive the first localized name and to identify the first namespace for import into the second namespace, the import data field being configured to identify the first namespace by the first localized name and the globally unique identifier.

23. (New) The computer-implemented method of claim 22, wherein the second namespace definition data field further comprises an export data field including an atomic name by which at least a portion of the second namespace is published for use by other computer-executable components.

24. (New) The computer-implemented method of claim 22, wherein the import data field further comprises a local name declaration that assigns the second localized name to the first namespace within the scope of the second namespace.

25. (New) The computer-implemented method of claim 24, wherein a declaration made in the first namespace is accessible in the scope of the second namespace by reference to the second localized name assigned to the first namespace.

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26. (New) The computer-implemented method of claim 25, wherein a conflict between the first localized name associated with the first namespace and a declaration made in the second namespace is resolved with reference to the globally unique identifier.

27. (New) A computer-readable storage medium having computer-executable instructions for allowing a namespace to be made available to a second namespace without creating name collisions, the instructions comprising:

declaring the first namespace with a globally unique identifier, wherein the globally unique namespace identifier uniquely identifies the first namespace when importing the first namespace, wherein the globally unique identifier is maintained in association with the first namespace during a build process;

declaring the first namespace with a first localized common name, wherein the first localized name is modifiable to provide localized naming of the first namespace when the first namespace is imported into a second namespace;

importing the first namespace into the second namespace, wherein the globally unique namespace identifier is maintained during importing to uniquely identify the first namespace, wherein the first localized common name is modified to a second localized common name to provide local naming of the first namespace in the second namespace;

referring to the second localized common name within the second namespace;

identifying the first namespace from the globally unique identifier; and

accessing a declaration associated with the first namespace within the scope of the second namespace by reference to the second localized common name.

28. (New) The computer-readable storage medium of claim 27, wherein the second localized common name for the first namespace comprises the first localized common name.

29. (New) The computer-readable storage medium of claim 27, wherein the second localized common name for the first namespace comprises an alias assigned to the first namespace.

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30. (New) The computer-readable storage medium of claim 27, wherein the first namespace includes a first definition data field for the first namespace having an element configured to indicate that the first namespace is changeable.

31. (New) The computer-readable storage medium of claim 27, wherein the second namespace includes a second definition data field defining the second namespace, and an import data field including a first localized name field configured to receive the first localized name and to identify the first namespace for import into the second namespace, the import data field being configured to identify the first namespace by the first localized name and the globally unique identifier.

32. (New) The computer-readable storage medium of claim 31, wherein the second namespace definition data field further comprises an export data field including an atomic name by which at least a portion of the second namespace is published for use by other computer-executable components.

33. (New) The computer-readable storage medium of claim 31, wherein the import data field further comprises a local name declaration that assigns the second localized name to the first namespace within the scope of the second namespace.

34. (New) The computer-readable storage medium of claim 33, wherein a declaration made in the first namespace is accessible in the scope of the second namespace by reference to the second localized name assigned to the first namespace.

35. (New) The computer-readable storage medium of claim 34, wherein a conflict between the first localized name associated with the first namespace and a declaration made in the second namespace is resolved with reference to the globally unique identifier.

36. (New) A system for allowing a namespace to be made available to a second namespace without creating name collisions, the system comprising:

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a processor; and
a memory having computer-executable instructions associated therewith, the instructions comprising:

declaring the first namespace with a globally unique identifier, wherein the globally unique namespace identifier uniquely identifies the first namespace when importing the first namespace, wherein the globally unique identifier is maintained in association with the first namespace during a build process;

declaring the first namespace with a first localized common name, wherein the first localized name is modifiable to provide localized naming of the first namespace when the first namespace is imported into a second namespace;

importing the first namespace into the second namespace, wherein the globally unique namespace identifier is maintained during importing to uniquely identify the first namespace, wherein the first localized common name is modified to a second localized common name to provide local naming of the first namespace in the second namespace;

referring to the second localized common name within the second namespace;

identifying the first namespace from the globally unique identifier; and

accessing a declaration associated with the first namespace within the scope of the second namespace by reference to the second localized common name.

37. (New) The system of claim 36, wherein second localized common name for the first namespace includes at least one member from a group comprising: the first localized common name and an alias assigned to the first namespace.